

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013743

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16L15/06 E21B17/042

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16L E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 777 901 A (PHOENIX RHEINROHR A G) 26 June 1957 (1957-06-26) page 2, line 112 - page 3, line 8; figure 2	1,14-23, 28,29
X	EP 0 713 952 A (SUMITOMO METAL IND) 29 May 1996 (1996-05-29) page 7, line 16 - page 7, line 23; figures 3b,4,6	1,14-23, 28,29
X	EP 1 296 088 A (VALLOUREC MANNESMANN OIL & GAS ; SUMITOMO METAL IND (JP)) 26 March 2003 (2003-03-26) abstract	1,14-23, 28,29

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

19 April 2005

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Donnelly, C

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Information on patent family members

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